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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APR 13 1994

Applicant : James M. Musser et al.

Art Unit: Unknown

Serial No.: 08/160,965

Examiner: Unknown

Filed : December 2, 1993

Title : STREPTOCOCCUS PYOGENES VACCINE

Commissioner of Patents and Trademarks
Washington, DC 20231

TRANSMITTAL

Dear Sir:

Responsive to the Notice to Comply with Sequence Rules
37 CFR §1.821-1.825, the following documents are submitted
herewith:

1. Petition for Extension of Time
2. Response to Notice to Comply with Requirements for
Patent Applications containing Nucleotide and/or
Amino Acid Sequence
3. Sequence Listing (5 pages)
4. Statement Under 37 CFR §1.821(f)
5. Copy of the Notice to File Missing Parts of
Application and Notice to Comply with Requirements
for Patent Applications containing Nucleotide
and/or Amino Acid Sequence
6. Sequence Listing on diskette in computer-readable
form as required by 37 CFR §1.824
7. Preliminary Amendment

"EXPRESS MAIL" Mailing Label Number 1B 785912576 US

Date of Deposit

April 8, 1994

I hereby certify under 37 CFR 1.10 that this correspondence
is being deposited with the United States Postal Service as
"Express Mail Post Office To Addressee" with sufficient postage
on the date indicated above and is addressed to the
Commissioner of Patents and Trademarks, Washington, D.C.
20231.

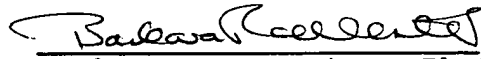
Susan C. Paine

If, in the opinion of the Examiner, a telephone conference would expedite the prosecution of the subject application, the Examiner is invited to call the undersigned at (415) 854-5277.

Please charge any fees, or make any credits, to Deposit Account No. 06-1050.

Respectfully submitted,

Date: April 8, 1994


Barbara Rae-Venter, Ph.D.
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